

Title (en)
Steering valve

Title (de)
Lenkventil

Title (fr)
Soupape de direction

Publication
EP 0791524 B1 19981104 (DE)

Application
EP 96102701 A 19960222

Priority
EP 96102701 A 19960222

Abstract (en)
[origin: EP0791524A1] The guide valve has one or more circular curved coaxial chambers (16) which can be biased with hydraulic pressure. The chambers contain at least one piston element (18), set movable on a circular path. The chamber and/or piston element form a part of a bearing set between one of the shafts and the housing. The chamber is formed as a ring chamber divided into several chambers and the piston can be formed by a radial web on a ring. The chambers and pistons can be formed on interfitting ring elements.

IPC 1-7
B62D 7/22; **B62D 6/00**; **F16F 9/53**; **F16F 9/12**

IPC 8 full level
B62D 5/083 (2006.01); **B62D 7/22** (2006.01); **F16F 9/14** (2006.01); **F16F 9/53** (2006.01); **F16K 31/124** (2006.01)

CPC (source: EP KR US)
B62D 5/075 (2013.01 - KR); **B62D 5/12** (2013.01 - KR); **B62D 7/22** (2013.01 - EP US); **F16F 9/145** (2013.01 - EP US);
F16F 9/53 (2013.01 - EP US); **B60Y 2410/1022** (2013.01 - KR); **B60Y 2410/104** (2013.01 - KR)

Cited by
DE102005017439A1

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
EP 0791524 A1 19970827; **EP 0791524 B1 19981104**; BR 9601406 A 19980113; CZ 79896 A3 19971015; DE 59600773 D1 19981210;
JP H09226613 A 19970902; KR 970061674 A 19970912; US 5794508 A 19980818

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EP 96102701 A 19960222; BR 9601406 A 19960418; CZ 79896 A 19960315; DE 59600773 T 19960222; JP 10073596 A 19960423;
KR 19960008264 A 19960326; US 88928297 A 19970708